

CLAIMS

1. Installation for shaping a part (A, B, C) between a lower die and an upper die, both mobile and contained inside a furnace, characterised in that the furnace comprises two superposed parts, with an upper  
5 part carrying the upper die (11) and a lower part (1), carrying two examples (4, 5) of the lower die, in respective compartments of the furnace, the upper part being mobile relative to the lower part in such a way that the upper die (11) covers the examples of the  
10 lower die (4, 5) alternately, a dividing wall (9) separating the compartments.

2. Installation for shaping a part according to claim 1, characterised in that the furnace is defined  
15 by a plate (1), horizontally mobile, carrying the examples (4, 5) of the lower die, a fixed wall (2) comprising a lateral boundary (6) and a roof (7), plus a vertically mobile wall, carrying the upper die and comprising a lateral boundary (9), connected through a  
20 drilling (8) of the roof (7) of the fixed wall (2) and comprising the dividing wall plus a roof (10).

3. Application of the installation according to one or the other of claims 1 or 2 to hot forming of  
25 parts including a cavity submitted to bulging during shaping.